Mary-Rus Martinez-Cuenca

List of Publications by Year
in descending order

36 papers	690 citations	567281 15 h-index	580821 25 g-index
37 all docs	37 docs citations	37 times ranked	678 citing authors

#	Article	IF	Citations
1	Tetraploidy enhances the ability to exclude chloride from leaves in carrizo citrange seedlings. Journal of Plant Physiology, 2016, 205, 1-10.	3.5	58
2	Tetraploidy Enhances Boron-Excess Tolerance in Carrizo Citrange (Citrus sinensis L. Osb. Ã— Poncirus) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.6	57
3	Liquid Organic Fertilizers for Sustainable Agriculture: Nutrient Uptake of Organic versus Mineral Fertilizers in Citrus Trees. PLoS ONE, 2016, 11, e0161619.	2.5	53
4	Effects of salinity on diploid (2x) and doubled diploid (4x) Citrus macrophylla genotypes. Scientia Horticulturae, 2016, 207, 33-40.	3.6	48
5	Relationship between hydraulic conductance and citrus dwarfing by the Flying Dragon rootstock (Poncirus trifoliata L. Raft var. monstruosa). Trees - Structure and Function, 2013, 27, 629-638.	1.9	39
6	Metabolic responses to iron deficiency in roots of Carrizo citrange [Citrus sinensis (L.) Osbeck. x Poncirus trifoliata (L.) Raf.]. Tree Physiology, 2013, 33, 320-329.	3.1	34
7	Physiological and Molecular Responses to Excess Boron in Citrus macrophylla W. PLoS ONE, 2015, 10, e0134372.	2.5	32
8	The effect of sodium bicarbonate on plant performance and iron acquisition system of FA-5 (Forner-Alcaide 5) citrus seedlings. Acta Physiologiae Plantarum, 2013, 35, 2833-2845.	2.1	30
9	Comparative expression of candidate genes involved in sodium transport and compartmentation in citrus. Environmental and Experimental Botany, 2015, 111, 52-62.	4.2	29
10	Strategy I responses to Fe-deficiency of two Citrus rootstocks differing in their tolerance to iron chlorosis. Scientia Horticulturae, 2013, 153, 56-63.	3.6	28
11	The Nutritional Quality Potential of Microgreens, Baby Leaves, and Adult Lettuce: An Underexploited Nutraceutical Source. Foods, 2022, 11, 423.	4.3	23
12	Rootstock influence on iron uptake responses inCitrusleaves and their regulation under the Fe paradox effect. PeerJ, 2017, 5, e3553.	2.0	20
13	Bicarbonate blocks iron translocation from cotyledons inducing iron stress responses in Citrus roots. Journal of Plant Physiology, 2013, 170, 899-905.	3.5	18
14	Flooding Impairs Fe Uptake and Distribution in Citrus Due to the Strong Down-Regulation of Genes Involved in Strategy I Responses to Fe Deficiency in Roots. PLoS ONE, 2015, 10, e0123644.	2.5	18
15	Physiological characterization and proline route genes quantification under long-term cold stress in Carrizo citrange. Scientia Horticulturae, 2021, 276, 109744.	3.6	17
16	Influence of Rootstock on Citrus Tree Growth: Effects on Photosynthesis and Carbohydrate Distribution, Plant Size, Yield, Fruit Quality, and Dwarfing Genotypes. , 2016, , .		15
17	Screening of â€˜Kingâ€™ mandarin (Citrus nobilis Lour) Ã— Poncirus trifoliata ((L.) Raf.) hybrids as citrus rootstocks tolerants to iron chlorosis. Scientia Horticulturae, 2016, 198, 61-69.	3.6	15
18	Rootstockâ€™s and sciona€™s impact on lemon quality in southeast Spain. International Agrophysics, 2018, 32, 325-333.	1.7	15

#	Article	IF	Citations
19	Phenotyping Local Eggplant Varieties: Commitment to Biodiversity and Nutritional Quality Preservation. Frontiers in Plant Science, 2021, 12, 696272.	3.6	15
20	Cold Stress in Citrus: A Molecular, Physiological and Biochemical Perspective. Horticulturae, 2021, 7, 340.	2.8	15
21	Effects of high levels of zinc and manganese ions on Strategy I responses to iron deficiency in citrus. Plant and Soil, 2013, 373, 943-953.	3.7	14
22	Adaptation to Water and Salt Stresses of Solanum pimpinellifolium and Solanum lycopersicum var. cerasiforme. Agronomy, 2020, 10, 1169.	3.0	14
23	Bioactive Compounds and Antioxidant Capacity of Valencian Pepper Landraces. Molecules, 2021, 26, 1031.	3.8	13
24	Suitable rootstocks can alleviate the effects of heat stress on pepper plants. Scientia Horticulturae, 2021, 290, 110529.	3.6	12
25	Comparative transcriptomic analyses of citrus cold-resistant vs. sensitive rootstocks might suggest a relevant role of ABA signaling in triggering cold scion adaption. BMC Plant Biology, 2022, 22, 209.	3.6	12
26	Key role of boron compartmentalisation-related genes as the initial cell response to low B in citrus genotypes cultured in vitro. Horticulture Environment and Biotechnology, 2019, 60, 519-530.	2.1	8
27	Production of 15N-Labelled Liquid Organic Fertilisers Based on Manure and Crop Residue for Use in Fertigation Studies. PLoS ONE, 2016, 11, e0150851.	2.5	8
28	Postharvest Changes in the Nutritional Properties of Commercial and Traditional Lettuce Varieties in Relation with Overall Visual Quality. Agronomy, 2022, 12, 403.	3.0	6
29	Biosynthesis and Contents of Gibberellins in Seeded and Seedless Sweet Orange (Citrus sinensis L.) Tj ETQq1 1 0.784314 rgBT /Overl	3.1	5
30	Gene Expression under Short-Term Low Temperatures: Preliminary Screening Method to Obtain Tolerant Citrus Rootstocks. Horticulturae, 2021, 7, 447.	2.8	4
31	Screening of â€˜Kingâ€™ mandarin (Citrus nobilis Lour) Ã— Poncirus trifoliata ((L.) Raf.) hybrids as salt stress-tolerant citrus rootstocks. Horticulture Environment and Biotechnology, 2021, 62, 337-351.	2.1	2
32	Seasonal Fe Uptake of Young Citrus Trees and Its Contribution to the Development of New Organs. Plants, 2021, 10, 79.	3.5	2
33	Screening of â€˜Kingâ€™ Mandarin Hybrids as Tolerant Citrus Rootstocks to Flooding Stress. Horticulturae, 2021, 7, 388.	2.8	2
34	Tolerance Response Mechanisms to Iron Deficiency Stress in Citrus Plants. , 2017, , 201-239.		1
35	Phenotypic Divergence among Sweet Pepper Landraces Assessed by Agro-Morphological Characterization as a Biodiversity Source. Agronomy, 2022, 12, 632.	3.0	1
36	Performance of Two Very Early-Season Clementines, â€˜Clemenrubiâ€™ and â€˜Orogrosâ€™ Mandarins on Three Rootstocks in Spain: Yield and Quality Study. Agronomy, 2022, 12, 1072.	3.0	1